

## **Indoor Swimming Pool Ventilation and CO<sub>2</sub> Tank Storage Requirements**

### **I. Indoor Pool Ventilation**

#### **New York State Sanitary Code Subpart 6-1.29 7.3.1**

Bathhouses, mechanical equipment rooms, storage areas and indoor swimming pool enclosures shall be ventilated, either by natural or mechanical means. Room ventilation shall prevent direct drafts on swimmers and shall minimize condensation. **A minimum of two air changes per hour** shall be provided for indoor pool areas. Heating units shall be kept from contact with swimmers. Fuel-burning heating equipment shall be installed and vented to the outdoors in accordance with the Uniform Code.

#### **Suffolk County Sanitary Code, Article 16-104**

##### **A. Design, Operation and Maintenance**

The ventilation, heating and/or air handling equipment for every recreational facility shall meet the design, installation and operational requirements found in the New York State Sanitary Code Subpart 6-1, Swimming Pools and Uniform Code, as applicable.

##### **B. Testing, Periodic Certification**

At the discretion of the Commissioner or the Commissioner's designee, periodic testing and analysis of the ventilation, heating and/or air handling equipment at a recreational facility for compliance with 10 NYCRR 6-1 and the Uniform Code, as applicable, may be required. Such testing and analysis shall be undertaken by a qualified engineer under license from the State of New York. A report resulting from such analysis and testing shall be submitted to the Department.

##### **C. Conformance, Upgrade and Repairs**

Any ventilation, heating and/or air handling equipment at a recreational facility found to be deficient by means of the report of analysis as described in 16-104.B, above, or as evidenced by conditions in the facility itself such as persistent noxious odors, mildew growth, excessive or insufficient temperatures for patron comfort, shall be repaired and/or upgraded such that the observed or reported deficiencies are eliminated.

## **II. CO<sub>2</sub> Tank Storage and Ventilation**

### **New York Sanitary Code 6-1.29(11.6.1.2):**

CO<sub>2</sub> cylinders shall be anchored to prevent damage. Cylinders shall be inaccessible to the general public.

### **New York Sanitary Code 6-1.29(11.6.1.4):**

CO<sub>2</sub> cylinders should be stored in a protective enclosure at the exterior of occupied structures. If CO<sub>2</sub> cylinders are provided in the interior of occupied structures, they shall be placed in a ventilated enclosure. A louvered fresh air intake shall be provided near the ceiling. Mechanical exhaust ventilation shall be provided at the rate of one air change every three minutes and take suction near the floor as far as practical from the door and fresh air intake. Exhausted air shall be ducted to the exterior of the building through a continuous pipe of at least 1 1/2 inches in diameter with the point of discharge so located as not to contaminate air inlets to any rooms or structures.